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PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	10/051,003
Filing Date	01/18/2002
First Named Inventor	Patrick C. Marks, et al
Group Art Unit	3748
Examiner Name	Tu M. Nguyen
Attorney Docket Number	9319

Total Number of Pages in This Submission **9**

ENCLOSURES (check all that apply)

- ☐ Fee Transmittal Form
- ☐ Fee Attached
- ☒ Amendment / Reply
 - ☒ After Final
 - ☐ Affidavits/declaration(s)
- ☐ Extension of Time Request
- ☐ Express Abandonment Request
- ☐ Information Disclosure Statement
- ☐ Certified Copy of Priority Document(s)
- ☐ Response to Missing Parts/ Incomplete Application
- ☐ Response to Missing Parts under 37 CFR 1.52 or 1.53

- ☐ Assignment Papers (for an Application)
- ☐ Drawing(s)
- ☐ Licensing-related Papers
- ☐ Petition
- ☐ Petition to Convert to a Provisional Application
- ☐ Power of Attorney, Revocation Change of Correspondence Address
- ☐ Terminal Disclaimer
- ☐ Request for Refund
- ☐ CD, Number of CD(s) _____

- ☐ After Allowance Communication to Group
- ☐ Appeal Communication to Board of Appeals and Interferences
- ☐ Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
- ☐ Proprietary Information
- ☐ Status Letter
- ☒ Other Enclosure(s) (please identify below):

Remarks

Return Receipt Postcard
Amendment Transmittal Sheet (original and 2 copies)

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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm
or
Individual name

William W. Habelt

Signature

Date

11/18/2002

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date:

November 18, 2002

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CARRIER CORPORATION
INTELLECTUAL PROPERTY DEPARTMENT
CARRIER PARKWAY, A&R BLDG.
SYRACUSE, NY 13221

AMENDMENT TRANSMITTAL SHEET

DOCKET NO. 9319
DATE: November 18, 2002

In re application of:

Inventor: PATRICK C. MARKS, ET AL
Serial No.: 10/051,003
Filed: January 18, 2002
Title: MULTIPLE FREQUENCY HELMHOLTZ RESONATOR

Transmitted herewith is an Amendment After Final Rejection in the above-identified application.

☒ No additional fee required.

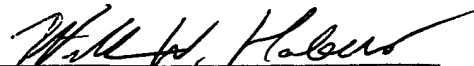
The fee has been calculated as shown below:

	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	FEE
Total	12	20	0	18.00	0.00
Indep.	3	3	0	84.00	0.00

____ FIRST PRESENTATION OF MULTIPLE DEP. CLAIM X230 \$ 0.00
TOTAL \$ 0.00

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- ☒ Any additional filing fees required under 37 CFR § 1.16.
- ☒ Any patent application processing fees under 37 CFR § 1.17.

One original and two copies of this sheet are enclosed.


William W. Habelt
Reg. No. 29,162

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Attorney Docket No. 9319

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re)
Application of) Examiner: TU M. NGUYEN
PATRICK C. MARKS ET AL.) Art Unit: 3748
Serial No.: 10/051,003) Docket No: 9319
Filed: JANUARY 18, 2002)
For: **MULTIPLE FREQUENCY**)
HELMHOLTZ RESONATOR)

AMENDMENT AFTER FINAL REJECTION

Syracuse, New York

November 4, 2002

Assistant Commissioner of Patents

Washington, DC 20231

Sir:

Responsive to the Final Rejection dated October 17, 2002, kindly amend the application as follows:

IN THE CLAIMS

9. (Once Amended) A refrigeration system having a multi-speed engine with an inlet line connected to said engine, microprocessor means for controlling the speed of said engine, the improvement comprising:

a closed chamber configured as a single dead end side branch connected to said line and defining a Helmholtz resonator continuously operatively connected to said inlet line via a restricted connection; and

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(NE)

Approved for Entry
4/2/03

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5/21/03

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